## 9 Soviet One-Orbit Shots Hint . unannounced shots on Sept. 17 Testing for Warhead Re-Entry

By EVERT CLARK

WASHINGTON, Oct. 16— not prohibit the engineering as Cosmos scientific satellites The mystery of what the Soviet tests necessary to learn how but using an announcement for-Union is trying to achieve with to station weapons in orbit and mat different enough from that a series of one-orbit space call them down at will on used for ordinary Cosmos sat-shots has deepened since the specific targets. first flight 13 months ago. Nor does the treaty prohibit tended to call attention to the Most analysts here now be the explosion of conventional shots.

But the analysts believe they here believe. have narrowed down the pos- The treaty does not define sible explanations.

1966.

thought the Soviet Union was it remains in orbit.

attempting to disguise the fact
of the flights as well as their in the nine Soviet shots, which the flights, but they do not be subject to limitations of the know why.

Since then there have been seven shots, the last on Sept. 22. The Soviet Union announced

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lieve the flights are exploring weapons in orbit. While the The experts here say they
the techniques of bringing Russians have not done this inwill not be certain of the purdown a nuclear warhead from the series of nine single-orbit pose of this test series until
an orbiting platform, shots, they might eventually tics are exhibited—perhaps a

Until recently there had want to do so, to stimulate greater number of orbits before been considerable disagreement destruction patterns of a nu-re-entry or the use of a larger about the purpose of the shots, clear weapon, some observers launching vehicle.

"outer space." This task was Nine shots have been fired left to later negotiations. But in the series since Sept. 17, the treaty is clear on the point that an object is not considered At first, Western experts to be in outer space unless

purpose. Now, however, they have been returned to earth believe the Soviet wants the before they completed one cir-United States to be aware of cuit of the carth, would not

know why.

Ironically, the Soviet tests nuclear weapons.

There is no indication that would not violate the space live weapons, either nuclear or treaty put into effect in a conventional, have been used in White House ceremony last the Soviet tests. Experts here week, even if they are military point out that it would not be tests of warhead re-entry techniques. niques.

The treaty, signed by ons into almost complete orbits and guiding them down to pretioning in orbit of weapons of cise targets.

ass destruction. But it does

Since cummy warheads could test methods for sending weap-nos into almost complete orbits and guiding them down to pretioning in orbit of weapons of cise targets.

The Soviet flights began with